
APPENDIX F

REVISED 2006 303(d) LISTING DECISIONS

Regional Board 2 - San Francisco Bay Region

[Page intentionally left blank]

REVISIONS to the 2006 SAN FRANCISCO BAY REGION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS*

Category 5 criteria: 1) A water segment where standards are not met and a TMDL is required, but not yet completed, for at least one of the pollutants being listed for this segment.

* USGS HUC = US Geological Survey Hydrologic Unit Code. Calwater = SWRCB hydrological subunit area or even smaller planning watershed

** TMDL requirement status definitions for listed pollutants are: A= TMDL still required, B= being addressed by USEPA approved TMDL, C= being addressed by action other than a TMDL

*** Dates relate to the TMDL requirement status, so a date for A= TMDL scheduled completion date, B= Date USEPA approved TMDL, and C= Completion date for action other than a TMDL

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	Alameda Creek	River & Stream	20430051 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	51 Miles	1998	5B	2007
2	Alamitos Creek	River & Stream	20540041 / 18050003	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Mine Tailings 	7.1 Miles	1996	5A	2008
2	Anderson Reservoir	Lake & Reservoir	20530050 / 18050003	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Source Unknown 	1013 Acres	2006	5A	2013
2	Aquatic Park Beach	Coastal & Bay Shoreline	20340010 / 18050002	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown 	0.18 Miles	2006	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<i>This listing was made by USEPA for 2006.</i>				
2	Arroyo Mocho	River & Stream	20430080 / 18050004	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	34 Miles	1998	5B	2007
2	Bon Tempe Reservoir	Lake & Reservoir	20113020 / 18050005	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown 	120 Acres	2006	5A	2013
2	Butano Creek	River & Stream	20240031 / 18050006	<ul style="list-style-type: none"> <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Nonpoint Source Impairment to steelhead habitat. 	3.6 Miles	1998	5A	2013
2	Calero Reservoir	Lake & Reservoir	20540031 / 18050003	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Mine Tailings Surface Mining 	334 Acres	1988	5A	2008
2	Candlestick Point	Coastal & Bay Shoreline	20440011 / 18050004	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. This listing includes the area of Candlestick Point at Jackrabbit Beach, Windsurfer Circle, and Sunnydale Cove. 	1.6 Miles	2006	5A	2019
2	Carquinez Strait	Estuary	20710020 / 18050001	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source 	5657 Acres	2002	5A	2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> This listing was made by USEPA. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds</u> <u>(including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA. <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Industrial Point Sources Municipal Point Sources Natural Sources Nonpoint Source 	5657 Acres	2002	5A	2013
					5657 Acres	1998	5A	2013
					5657 Acres	1998	5A	2019
					5657 Acres	1998	5A	2019
					5657 Acres	1996	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes <ul style="list-style-type: none"> Resource Extraction 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources. <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source This listing covers non dioxin-like PCBs. Interim health advisory for fish is in place. <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. <u>Selenium</u> <ul style="list-style-type: none"> Industrial Point Sources Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks). 	5657 Acres	1998	5A	2008
				<ul style="list-style-type: none"> Unknown Nonpoint Source 	5657 Acres	1998	5A	2008
				<ul style="list-style-type: none"> Industrial Point Sources 	5657 Acres	1998	5A	2010
				<ul style="list-style-type: none"> Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks). 				
2	Central Basin, San Francisco (part of SF Bay, Lower)	Bay & Harbor	20440010 / 18050004	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. 	40 Acres	1998	5A	2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA. <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Industrial Point Sources Minor Industrial Point Source Municipal Point Sources 	40 Acres	1998	5A	2013
				<ul style="list-style-type: none"> <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA. <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Industrial Point Sources Minor Industrial Point Source Municipal Point Sources 	40 Acres	1998	5A	2019
				<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Industrial Point Sources Minor Industrial Point Source Municipal Point Sources 	40 Acres	1992	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes <ul style="list-style-type: none"> Natural Sources Nonpoint Source Resource Extraction 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources. <u>Mercury (sediment)</u> <ul style="list-style-type: none"> Point Source Urban Runoff/Storm Sewers <u>PAHs (Polycyclic Aromatic Hydrocarbons) (sediment)</u> <ul style="list-style-type: none"> Point Source Urban Runoff/Storm Sewers <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source This listing covers non dioxin-like PCBs. Interim health advisory for fish in place. <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. 	40 Acres	2006	5B	2008
				<ul style="list-style-type: none"> <u>PAHs (Polycyclic Aromatic Hydrocarbons) (sediment)</u> <ul style="list-style-type: none"> Point Source Urban Runoff/Storm Sewers 	40 Acres	2006	5A	2019
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 	40 Acres	1998	5A	2008
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 	40 Acres	1998	5A	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> <u>Selenium</u> <ul style="list-style-type: none"> Exotic Species Industrial Point Sources Natural Sources Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks). 	40 Acres	1990	5A	2019
2	China Camp Beach	Coastal & Bay Shoreline	20610010 / 18050002	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. 	0.08 Miles	2006	5A	2019
2	Coyote Creek (Santa Clara Co.)	River & Stream	20530021 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	55 Miles	1998	5B	2007
2	Crissy Field Beach	Coastal & Bay Shoreline	20340010 / 18050002	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. This listing includes the east and west areas of Crissy Field. 	0.8 Miles	2006	5A	2019
2	Del Valle Reservoir	Lake &	20430024 /	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown 	1022 Acres	2006	5A	2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
		Reservoir	18050004	<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Source Unknown 	1022 Acres	2006	5A	2019
2	Golden Hinde Beach	Coastal & Bay Shoreline	20114033 / 18050005	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. 	0.11 Miles	2006	5A	2019
2	Guadalupe Creek	River & Stream	20540050 / 18050003	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Mine Tailings 	8.1 Miles	1988	5A	2008
2	Guadalupe Reservoir	Lake & Reservoir	20540040 / 18050003	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Mine Tailings Surface Mining 	63 Acres	1988	5A	2008
2	Guadalupe River	River & Stream	20540050 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. <u>Mercury</u> <ul style="list-style-type: none"> Mine Tailings 	18 Miles	1998	5B	2007
2	Islais Creek	Estuary	20440010 / 18050004	<ul style="list-style-type: none"> <u>Ammonia</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point 	46 Acres	2002	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Sources <u>Chlordane (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Dieldrin (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Hydrogen Sulfide</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>PAHs (Polycyclic Aromatic Hydrocarbons) (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Sediment Toxicity</u> <ul style="list-style-type: none"> Source Unknown 	46 Acres	2002	5A	2019
2	Lafayette Reservoir	Lake & Reservoir	20732010 / 18050001	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Source Unknown 	114 Acres	2006	5A	2013
				<ul style="list-style-type: none"> <u>Nutrients</u> 	114 Acres	2006	5A	2019
		River &	20113020 /					

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	Lagunitas Creek	Stream	18050005	<ul style="list-style-type: none"> Urban Runoff/Storm Sewers Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed. <u>Pathogens</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed. 	17 Miles	1996	5A	2013
2	Lake Chabot (Alameda Co)	Lake & Reservoir	20420030 / 18050004	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Source Unknown <u>DDT</u> <ul style="list-style-type: none"> Source Unknown <u>Dieldrin</u> <ul style="list-style-type: none"> Source Unknown <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Source Unknown 	312 Acres	2006	5A	2019
2	Lake Herman	Lake & Reservoir	20721030 / 18050001	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Surface Mining Additional monitoring and assessment needed. Problem due to historical mining. 	108 Acres	1992	5A	2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	Lake Merced	Lake & Reservoir	20210010 / 18050006	<ul style="list-style-type: none"> <u>Low Dissolved Oxygen</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA. <u>pH</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA. 	299 Acres	2002	5A	2019
2	Lake Merritt	Lake & Reservoir	20420040 / 18050004	<ul style="list-style-type: none"> <u>Organic Enrichment/Low Dissolved Oxygen</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA. <u>Trash</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers 	142 Acres	2002	5A	2019
2	Lawsons Landing	Coastal & Bay Shoreline	20112030 / 18050005	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. 	3.2 Miles	2006	5A	2019
2	Marina Lagoon (San Mateo County)	Estuary	20440040 / 18050004	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source Urban Runoff/Storm Sewers 	169 Acres	2002	5A	2019
2	Matadero Creek	River & Stream	20550040 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm 	7.3 Miles	1998	5B	2007

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				Sewers <ul style="list-style-type: none"> This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 				
2	McNears Beach	Coastal & Bay Shoreline	20610010 / 18050002	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. 	0.18 Miles	2006	5A	2019
2	Millerton Point	Coastal & Bay Shoreline	20112032 / 18050005	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. 	0.25 Miles	2006	5A	2019
2	Mission Creek	Estuary	20440010 / 18050004	<ul style="list-style-type: none"> <u>Ammonia</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Chlordane (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Dieldrin (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Hydrogen Sulfide</u> <ul style="list-style-type: none"> Combined Sewer 	8.5 Acres	2002	5A	2019
					8.5 Acres	2002	5A	2013
					8.5 Acres	2002	5A	2013
					8.5 Acres	2002	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> <ul style="list-style-type: none"> Overflow Industrial Point Sources <u>Lead (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Mercury (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>PAHs (Polycyclic Aromatic Hydrocarbons)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>PCBs (Polychlorinated biphenyls) (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Silver (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Zinc (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point 	8.5 Acres	2002	5A	2019
				<ul style="list-style-type: none"> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Mercury (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>PAHs (Polycyclic Aromatic Hydrocarbons)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>PCBs (Polychlorinated biphenyls) (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Silver (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Zinc (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point 	8.5 Acres	2006	5A	2019
				<ul style="list-style-type: none"> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>PAHs (Polycyclic Aromatic Hydrocarbons)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>PCBs (Polychlorinated biphenyls) (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Silver (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Zinc (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point 	8.5 Acres	2002	5A	2019
				<ul style="list-style-type: none"> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>PCBs (Polychlorinated biphenyls) (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Silver (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Zinc (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point 	8.5 Acres	2002	5A	2008
				<ul style="list-style-type: none"> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Silver (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point Sources <u>Zinc (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point 	8.5 Acres	2002	5A	2019
				<ul style="list-style-type: none"> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point <u>Zinc (sediment)</u> <ul style="list-style-type: none"> Combined Sewer Overflow Industrial Point 	8.5 Acres	2002	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				Sources				
2	Mt. Diablo Creek	River & Stream	20731040 / 18050001	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	13 Miles	1998	5B	2007
2	Napa River	River & Stream	20650010 / 18050002	<ul style="list-style-type: none"> <u>Nutrients</u> <ul style="list-style-type: none"> Agriculture <u>Pathogens</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed. <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Construction/Land Development Land Development Urban Runoff/Storm Sewers TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed. 	65 Miles	1988	5A	2010
					65 Miles	1988	5B	2008
					65 Miles	1990	5A	2008
2	Nicasio Reservoir	Lake & Reservoir	20113012 / 18050005	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown 	829 Acres	1998	5A	2013
				<ul style="list-style-type: none"> <u>Chlordane</u> 				

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	Oakland Inner Harbor (Fruitvale Site, part of SF Bay, Lower)	Bay & Harbor	20420040 / 18050004	<ul style="list-style-type: none"> Nonpoint Source 	0.93 Acres	1998	5A	2013
				<ul style="list-style-type: none"> This listing was made by USEPA. <u>Chlordane (sediment)</u> <ul style="list-style-type: none"> Source Unknown <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA. <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition 	0.93 Acres	1998	5A	2013
					0.93 Acres	1998	5A	2013
					0.93 Acres	1998	5A	2013
					0.93 Acres	1998	5A	2013
					0.93 Acres	1998	5A	2019
					0.93 Acres	1998	5A	2019
					0.93 Acres	1992	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Industrial Point Sources Municipal Point Sources Natural Sources Nonpoint Source Resource Extraction 				
				<ul style="list-style-type: none"> Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources. 				
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 	0.93 Acres	1998	5A	2008
				<ul style="list-style-type: none"> This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data. 				
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 	0.93 Acres	1998	5A	2008
				<ul style="list-style-type: none"> The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. 				
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls) (sediment)</u> <ul style="list-style-type: none"> Source Unknown 	0.93 Acres	1998	5A	2008
				<ul style="list-style-type: none"> This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data. 				
				<ul style="list-style-type: none"> <u>Sediment Toxicity</u> 				

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Source Unknown 	0.93 Acres	1998	5A	2019
				<ul style="list-style-type: none"> <u>Selenium</u> <ul style="list-style-type: none"> Exotic Species Industrial Point Sources Natural Sources Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks). 	0.93 Acres	1990	5A	2019
2	Oakland Inner Harbor (Pacific Dry-dock Yard 1 Site, part of SF Bay, Lower)	Bay & Harbor	20420040 / 18050004	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Chlordane (sediment)</u> <ul style="list-style-type: none"> Source Unknown <u>Copper (sediment)</u> <ul style="list-style-type: none"> Source Unknown <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin (sediment)</u> <ul style="list-style-type: none"> Source Unknown <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition 	1.8 Acres	1998	5A	2013
				Source Unknown	1.8 Acres	1998	5A	2013
				Source Unknown	1.8 Acres	1992	5A	2019
				Nonpoint Source	1.8 Acres	1998	5A	2013
				Nonpoint Source	1.8 Acres	1998	5A	2013
				Source Unknown	1.8 Acres	1998	5A	2013
				Atmospheric Deposition	1.8 Acres	1998	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> <u>PAHs (Polycyclic Aromatic Hydrocarbons) (sediment)</u> <ul style="list-style-type: none"> Source Unknown 	1.8 Acres	2006	5A	2019
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 	1.8 Acres	1998	5A	2008
				This listing covers non dioxin-like PCBs. Interim health advisory for fish; uncertainty regarding water column concentration data.				
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 	1.8 Acres	1998	5A	2008
				The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA.				
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls) (sediment)</u> <ul style="list-style-type: none"> Source Unknown 	1.8 Acres	1998	5A	2008
				<ul style="list-style-type: none"> <u>Selenium</u> <ul style="list-style-type: none"> Exotic Species Industrial Point Sources Natural Sources 	1.8 Acres	1990	5A	2019
				Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks).				
				<ul style="list-style-type: none"> <u>Zinc (sediment)</u> <ul style="list-style-type: none"> Source Unknown 	1.8 Acres	1992	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	Pacific Ocean at Baker Beach	Coastal & Bay Shoreline	20340010 / 18050002	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. This listing includes the area of Baker Beach at Lobos Creek, Horseshoe Cove NW and NE. 	0.45 Miles	2006	5A	2019
2	Pacific Ocean at Bolinas Beach	Coastal & Bay Shoreline	20130011 / 18050005	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. 	0.39 Miles	2006	5A	2019
2	Pacific Ocean at Fitzgerald Marine Reserve	Coastal & Bay Shoreline	20221012 / 18050006	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source 	0.46 Miles	2002	5A	2019
2	Pacific Ocean at Muir Beach	Coastal & Bay Shoreline	20130013 / 18050005	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. 	0.2 Miles	2006	5A	2013
2	Pacific Ocean at Pacifica State/Linda Mar Beach	Coastal & Bay Shoreline	20221011 / 18050006	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source Urban Runoff/Storm Sewers Linda Mar and San Pedro beaches are the areas affected. 	0.87 Miles	2002	5A	2010
2	Pacific Ocean at Pillar Point	Coastal & Bay	20221012 / 18050006	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown 	0.62 Miles	2006	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
Shoreline								
2	Pacific Ocean at Pillar Point Beach	Coastal & Bay Shoreline	20221012 / 18050006	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source 	1.1 Miles	2002	5A	2019
2	Pacific Ocean at Rockaway Beach	Coastal & Bay Shoreline	20221011 / 18050006	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source Urban Runoff/Storm Sewers 	0.29 Miles	2002	5A	2010
2	Pacific Ocean at Venice Beach	Coastal & Bay Shoreline	20222011 / 18050006	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source 	0.38 Miles	2002	5A	2019
2	Permanente Creek	River & Stream	20550021 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	13 Miles	1998	5B	2007
2	Pescadero Creek	River & Stream	20240013 / 18050006	<ul style="list-style-type: none"> <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Nonpoint Source If California Department of Fish and Game and the National Marine Fisheries Service find that for this water body fish populations are not impacted, the State Water Board supports removing this water body and pollutant from the list. 	26 Miles	1998	5A	2016
				<ul style="list-style-type: none"> <u>Diazinon</u> 				

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	Petaluma River	River & Stream	20630020 / 18050002	<ul style="list-style-type: none"> Urban Runoff/Storm Sewers Data source: Abelli-Amen, Petaluma Tree Planters, 1999. <u>Nutrients</u> <ul style="list-style-type: none"> Construction/Land Development Urban Runoff/Storm Sewers TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed. <u>Pathogens</u> <ul style="list-style-type: none"> Construction/Land Development Urban Runoff/Storm Sewers <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Construction/Land Development Urban Runoff/Storm Sewers 	22 Miles	2002	5A	2019
2	Petaluma River (tidal portion)	River & Stream	20630040 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers <u>Nickel</u> <ul style="list-style-type: none"> Atmospheric Deposition Municipal Point Sources 	1.1 Miles	2002	5A	2019
				<ul style="list-style-type: none"> Atmospheric Deposition Municipal Point Sources 	1.1 Miles	2002	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes <ul style="list-style-type: none"> Urban Runoff/Storm Sewers 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Exceedance of California Toxic Rule dissolved criteria and National Toxic Rule total criteria; elevated water and sediment tissue levels. <u>Nutrients</u> <ul style="list-style-type: none"> Construction/Land Development Urban Runoff/Storm Sewers TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed. <u>Pathogens</u> <ul style="list-style-type: none"> Construction/Land Development Urban Runoff/Storm Sewers TMDL will be developed as part of ongoing watershed management effort. Additional monitoring and assessment needed. 	1.1 Miles	2002	5A	2019
2	Pomponio Creek	River & Stream	20240020 / 18050006	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source 	7.1 Miles	2002	5A	2019
2	Richardson Bay	Bay & Harbor	20312010 / 18050002	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Boat Discharges/Vessel Wastes 	2439 Acres	1998	5A	2013
				<ul style="list-style-type: none"> Boat Discharges/Vessel Wastes 	2439 Acres	1996	5A	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Septage Disposal Urban Runoff/Storm Sewers 				
				<ul style="list-style-type: none"> <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source 	2439 Acres	1998	5A	2013
				This listing was made by USEPA.				
				<ul style="list-style-type: none"> <u>Dieldrin</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 	2439 Acres	1998	5A	2013
				This listing was made by USEPA.				
				<ul style="list-style-type: none"> <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition 	2439 Acres	1998	5A	2019
				The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.				
				<ul style="list-style-type: none"> <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water 	2439 Acres	2006	5A	2019
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.				
				<ul style="list-style-type: none"> <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition 	2439 Acres	1998	5A	2019
				The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6, 7,8,-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.				
				<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Municipal Point 	2439 Acres	1992	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Sources <ul style="list-style-type: none"> Natural Sources Nonpoint Source Resource Extraction Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources. <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 2439 Acres 1998 5A 2008 This listing covers non dioxin-like PCBs. Interim health advisory for fish in place. <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 2439 Acres 1998 5A 2008 The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. 				
2	Sacramento San Joaquin Delta	Estuary	20710010 / 18050001	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source 41736 Acres 1998 5A 2013 This listing was made by USEPA. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source 41736 Acres 1998 5A 2013 This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source 41736 Acres 1998 5A 2013 				

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6, 7,8,-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA. <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Industrial Point Sources Municipal Point Sources Nonpoint Source Resource Extraction Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources. <u>PCBs (Polychlorinated</u> 	41736 Acres	1998	5A	2019
				<ul style="list-style-type: none"> Atmospheric Deposition 	41736 Acres	1998	5A	2019
				<ul style="list-style-type: none"> Ballast Water 	41736 Acres	1998	5A	2019
				<ul style="list-style-type: none"> Atmospheric Deposition 	41736 Acres	1998	5A	2019
				<ul style="list-style-type: none"> Municipal Point Sources 	41736 Acres	1998	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> <u>biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source This listing covers non dioxin-like PCBs. Interim health advisory for fish. <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. <u>Selenium</u> <ul style="list-style-type: none"> Exotic Species Industrial Point Sources Natural Sources Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks). 	41736 Acres	1998	5A	2008
2	San Francisco Bay, Central	Bay & Harbor	20312010 / 18050004	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source 	70992 Acres	1998	5A	2013
				<ul style="list-style-type: none"> <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source 	70992 Acres	1998	5A	2013
				<ul style="list-style-type: none"> <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source 	70992 Acres	1998	5A	2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA. <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Industrial Point Sources Municipal Point Sources Natural Sources Nonpoint Source Resource Extraction Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned 	70992 Acres	1998	5A	2019
				<ul style="list-style-type: none"> Atmospheric Deposition 	70992 Acres	1998	5A	2019
				<ul style="list-style-type: none"> Ballast Water 	70992 Acres	2006	5A	2019
				<ul style="list-style-type: none"> Atmospheric Deposition 	70992 Acres	1998	5A	2019
				<ul style="list-style-type: none"> Municipal Point Sources 	70992 Acres	1992	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> mines; moderate to low level inputs from point sources. <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source This listing covers non dioxin-like PCBs. Interim health advisory for fish in place. <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5,-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. <u>Selenium</u> <ul style="list-style-type: none"> Exotic Species Industrial Point Sources Natural Sources Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks). 	70992 Acres	1998	5A	2008
				<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> 	92274 Acres	1998	5A	2013
2	San Francisco Bay, Lower	Bay & Harbor	20410010 / 18050004	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> 	92274 Acres	1998	5A	2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Nonpoint Source 	92274 Acres	1998	5A	2013
				This listing was made by USEPA.				
				<u>Dioxin compounds (including 2,3,7,8-TCDD)</u>				
				<ul style="list-style-type: none"> Atmospheric Deposition 	92274 Acres	1998	5A	2019
				The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA.				
				<u>Exotic Species</u>				
				<ul style="list-style-type: none"> Ballast Water 	92274 Acres	2006	5A	2019
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.				
				<u>Furan Compounds</u>				
				<ul style="list-style-type: none"> Atmospheric Deposition 	92274 Acres	1998	5A	2019
				The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6, 7,8,-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.				
				<u>Mercury</u>				
				<ul style="list-style-type: none"> Atmospheric Deposition Industrial Point Sources Municipal Point Sources Natural Sources Nonpoint Source Resource Extraction 	92274 Acres	1992	5B	2008
				Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury				

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources: water quality objective exceedances. Elevated sediment levels and elevated tissue levels. <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source This listing covers non dioxin-like PCBs. Interim health advisory for fish in place. <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. 	92274 Acres	1998	5A	2008
2	San Francisco Bay, South	Bay & Harbor	20510000 / 18050003	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This 	9204 Acres	1990	5A	2013
				<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This 	9204 Acres	1998	5A	2013
				<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This 	9204 Acres	1998	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				listing was made by USEPA.				
				<ul style="list-style-type: none"> <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water 	9204 Acres	2006	5A	2019
				Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species.				
				<ul style="list-style-type: none"> <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition 	9204 Acres	1998	5A	2019
				The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA.				
				<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Industrial Point Sources Municipal Point Sources Natural Sources Nonpoint Source Resource Extraction 	9204 Acres	1992	5B	2008
				Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources: water quality objective exceedances. Elevated sediment level and elevated tissue levels.				
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 	9204 Acres	1992	5A	2008
				This listing covers non dioxin-like PCBs. Interim health advisory for fish in place.				

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. <u>Selenium</u> <ul style="list-style-type: none"> Domestic Use of Ground Water A formal health advisory has been issued by OEHHA for benthic-feeding ducks in South San Francisco Bay. This health advisory clearly establishes that water contact recreation beneficial use (REC-1) is not fully supported and standards are not fully met. 	9204 Acres	1992	5A	2008
2	San Francisquito Creek	River & Stream	20550040 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Nonpoint Source Impairment to steelhead habitat. 	12 Miles	1998	5B	2007
2	San Gregorio Creek	River & Stream	20230014 / 18050006	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Nonpoint Source Impairment to steelhead habitat. 	11 Miles	2002	5A	2019
				<ul style="list-style-type: none"> <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Nonpoint Source Impairment to steelhead habitat. 	11 Miles	1998	5A	2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	San Leandro Bay (part of SF Bay, Lower)	Bay & Harbor	20420040 / 18050004	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA. <u>Lead (sediment)</u> <ul style="list-style-type: none"> Source Unknown <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Industrial Point Sources Municipal Point Sources Natural Sources 	588 Acres	1998	5A	2013
					588 Acres	1998	5A	2013
					588 Acres	1998	5A	2019
					588 Acres	2006	5A	2019
					588 Acres	1998	5A	2019
					588 Acres	1992	5A	2019
					588 Acres	1992	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes <ul style="list-style-type: none"> Nonpoint Source Resource Extraction 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources. <u>Mercury (sediment)</u> <ul style="list-style-type: none"> Source Unknown <u>PAHs (Polycyclic Aromatic Hydrocarbons) (sediment)</u> <ul style="list-style-type: none"> Source Unknown <u>Pesticides (sediment)</u> <ul style="list-style-type: none"> Source Unknown <u>Zinc (sediment)</u> <ul style="list-style-type: none"> Source Unknown 	588 Acres	2006	5B	2008
				<ul style="list-style-type: none"> <u>PAHs (Polycyclic Aromatic Hydrocarbons) (sediment)</u> <ul style="list-style-type: none"> Source Unknown 	588 Acres	1998	5A	2019
				<ul style="list-style-type: none"> <u>Pesticides (sediment)</u> <ul style="list-style-type: none"> Source Unknown 	588 Acres	1998	5A	2019
				<ul style="list-style-type: none"> <u>Zinc (sediment)</u> <ul style="list-style-type: none"> Source Unknown 	588 Acres	1992	5A	2019
2	San Leandro Creek, Lower	River & Stream	20420012 / 18050004	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	9.3 Miles	1998	5B	2007
2	San Mateo Creek	River & Stream	20440032 / 18050004	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	11 Miles	1998	5B	2007

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	San Pablo Bay	Bay & Harbor	20610010 / 18050002	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA in 1998. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds</u> <u>(including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6, 7,8,-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA. <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Municipal Point 	68349 Acres	1998	5A	2013
					68349 Acres	1998	5A	2013
					68349 Acres	1998	5A	2013
					68349 Acres	1998	5A	2013
					68349 Acres	1998	5A	2019
					68349 Acres	2006	5A	2019
					68349 Acres	1998	5A	2019
					68349 Acres	1990	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Sources <ul style="list-style-type: none"> Natural Sources Nonpoint Source Resource Extraction Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources. <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Point Source This listing covers non dioxin-like PCBs. Interim health advisory for fish in place. <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source The specific dioxin like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. <u>Selenium</u> <ul style="list-style-type: none"> Exotic Species Industrial Point Sources Natural Sources Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks). 	68349 Acres	1998	5A	2008
				<ul style="list-style-type: none"> Unknown Nonpoint Source 	68349 Acres	1998	5A	2008
				<ul style="list-style-type: none"> Industrial Point Sources 	68349 Acres	1990	5A	2010

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	San Pablo Creek	River & Stream	20660014 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	9.9 Miles	1998	5B	2007
2	San Pablo Reservoir	Lake & Reservoir	20660012 / 18050002	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Source Unknown <u>Dieldrin</u> <ul style="list-style-type: none"> Source Unknown <u>Heptachlor epoxide</u> <ul style="list-style-type: none"> Source Unknown <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Source Unknown <u>Toxaphene</u> <ul style="list-style-type: none"> Source Unknown 	784 Acres	2006	5A	2019
2	San Pedro Creek	River & Stream	20221011 / 18050006	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source Urban Runoff/Storm Sewers 	2.4 Miles	2002	5A	2010
2	San Vicente Creek	River &	20221012 /	<ul style="list-style-type: none"> <u>Coliform Bacteria</u> <ul style="list-style-type: none"> Nonpoint Source 	3.8 Miles	2002	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
		Stream	18050006					
2	Saratoga Creek	River & Stream	20550040 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	18 Miles	1998	5B	2007
2	Shadow Cliffs Reservoir	Lake & Reservoir	20430080 / 18050004	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Source Unknown 	90 Acres	2006	5A	2013
2	Sonoma Creek	River & Stream	20640050 / 18050002	<ul style="list-style-type: none"> <u>Nutrients</u> <ul style="list-style-type: none"> Construction/Land Development Land Development Urban Runoff/Storm Sewers <u>Pathogens</u> <ul style="list-style-type: none"> Construction/Land Development Land Development Urban Runoff/Storm Sewers <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Construction/Land Development 	30 Miles	1998	5A	2010
					30 Miles	1998	5B	2008
					30 Miles	1998	5A	2013

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes <ul style="list-style-type: none"> Land Development Urban Runoff/Storm Sewers 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	Soulajule Reservoir	Lake & Reservoir	20112012 / 18050005	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Source Unknown 	49 Acres	2006	5A	2007
2	Stevens Creek	River & Stream	20550020 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers <i>This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.</i> <u>Toxicity</u> <ul style="list-style-type: none"> Source Unknown 	20 Miles	1998	5B	2007
2	Stevens Creek Reservoir	Lake & Reservoir	20550031 / 18050003	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Source Unknown <u>Dieldrin</u> <ul style="list-style-type: none"> Source Unknown <u>Mercury</u> <ul style="list-style-type: none"> Source Unknown <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Source Unknown 	85 Acres	2006	5A	2019
					85 Acres	2006	5A	2019
					85 Acres	2006	5A	2013
					85 Acres	2006	5A	2019

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	Suisun Bay	Bay & Harbor	20710020 / 18050001	<ul style="list-style-type: none"> <u>Chlordane</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>DDT</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dieldrin</u> <ul style="list-style-type: none"> Nonpoint Source This listing was made by USEPA. <u>Dioxin compounds (including 2,3,7,8-TCDD)</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDD, 1,2,3,7,8-PeCDD, 1,2,3,4,7,8-HxCDD, 1,2,3,6,7,8-HxCDD, 1,2,3,7,8,9-HxCDD, 1,2,3,4,6,7,8-HpCDD, and OCDD. This listing was made by USEPA. <u>Exotic Species</u> <ul style="list-style-type: none"> Ballast Water Disrupt natural benthos; change pollutant availability in food chain; disrupt food availability to native species. <u>Furan Compounds</u> <ul style="list-style-type: none"> Atmospheric Deposition The specific compounds are 2,3,7,8-TCDF, 1,2,3,7,8-PeCDF, 2,3,4,7,8-PeCDF, 1,2,3,4,7,8-HxCDF, 1,2,3,6,7,8-HxCDF, 1,2,3,7,8,9-HxCDF, 2,3,4,6,7,8-HxCDF, 1,2,3,4,6,7,8-HpCDF, 1,2,3,4,7,8,9-HpCDF, and OCDF. This listing was made by USEPA. <u>Mercury</u> <ul style="list-style-type: none"> Atmospheric Deposition Industrial Point Sources 	25335 Acres	1998	5A	2013
					25335 Acres	1998	5A	2013
					25335 Acres	1998	5A	2013
					25335 Acres	1998	5A	2019
					25335 Acres	2006	5A	2019
					25335 Acres	1998	5A	2019
					25335 Acres	1990	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
				<ul style="list-style-type: none"> Natural Sources Nonpoint Source Resource Extraction 				
				<ul style="list-style-type: none"> Current data indicate fish consumption and wildlife consumption impacted uses. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources. 				
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls)</u> <ul style="list-style-type: none"> Unknown Point Source 	25335 Acres	1998	5A	2008
				<ul style="list-style-type: none"> This listing covers non-dioxin-like PCBs. Interim health advisory for fish in place. 				
				<ul style="list-style-type: none"> <u>PCBs (Polychlorinated biphenyls) (dioxin-like)</u> <ul style="list-style-type: none"> Unknown Nonpoint Source 	25335 Acres	1998	5A	2008
				<ul style="list-style-type: none"> The specific dioxin-like compounds are 3,4,4,5-TCB (81), 3,3,3,3-TCB (77), 3,3,4,4,5-PeCB (126), 3,3,4,4,4,4-HxCB (169), 2,3,3,4,4-PeCB (105), 2,3,4,4,5-PeCB (114), 2,3,4,4,5-PeCB (118), 2,3,4,4,5-PeCB (123), 2,3,3,4,4,5-HxCB (156), 2,3,3,4,4,5-HxCB (157), 2,3,4,4,5,5-HxCB (167), 2,3,3,4,4,5,5-HpCB (189). This listing was made by USEPA. 				
				<ul style="list-style-type: none"> <u>Selenium</u> <ul style="list-style-type: none"> Exotic Species Industrial Point Sources Natural Sources 	25335 Acres	1990	5A	2010
				<ul style="list-style-type: none"> Affected use is one branch of the food chain; most sensitive indicator is hatchability in nesting diving birds, significant contributions from oil refineries (control program in place) and agriculture (carried downstream by rivers); exotic species may have made food chain more susceptible to accumulation of selenium; health consumption advisory in effect for scaup and scoter (diving ducks). 				
				<ul style="list-style-type: none"> <u>Mercury</u> 				

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
2	Suisun Marsh Wetlands	Wetland, Tidal	20723000 / 18050001	<ul style="list-style-type: none"> Flow Regulation/Modification Urban Runoff/Storm Sewers <u>Nutrients</u> <ul style="list-style-type: none"> Flow Regulation/Modification Urban Runoff/Storm Sewers Additional monitoring and assessment needed. <u>Organic Enrichment/Low Dissolved Oxygen</u> <ul style="list-style-type: none"> Flow Regulation/Modification Urban Runoff/Storm Sewers Additional monitoring and assessment needed. <u>Salinity/TDS/Chlorides</u> <ul style="list-style-type: none"> Flow Regulation/Modification Urban Runoff/Storm Sewers Additional monitoring and assessment needed. 	66339 Acres		5A	2013
					66339 Acres	1996	5A	2013
					66339 Acres	1996	5A	2013
					66339 Acres	1996	5A	2013
2	Tomales Bay	Bay &	20114033 /	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Mine Tailings 	8545 Acres	1992	5B	2008

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	TMDL REQUIREMENT STATUS**	DATE***
		Harbor	18050005	<ul style="list-style-type: none"> Current data indicate fish consumption and wildlife consumption impacted uses: health consumption advisory in effect for multiple fish species including striped bass and shark. Major source is historic: gold mining sediments and local mercury mining; most significant ongoing source is erosion and drainage from abandoned mines; moderate to low level inputs from point sources. <u>Nutrients</u> <ul style="list-style-type: none"> Agriculture TMDL will be developed as part of ongoing watershed management effort. <u>Pathogens</u> <ul style="list-style-type: none"> Intensive Animal Feeding Operations Septage Disposal <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Upstream Impoundment TMDL will be developed as part of ongoing watershed management effort. 	8545 Acres	1992	5A	2013
2	Walker Creek	River & Stream	20112013 / 18050005	<ul style="list-style-type: none"> <u>Mercury</u> <ul style="list-style-type: none"> Mine Tailings Surface Mining <u>Nutrients</u> <ul style="list-style-type: none"> Agriculture Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed. <u>Pathogens</u> <ul style="list-style-type: none"> Source Unknown <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Agriculture Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed. 	16 Miles	1992	5A	2007
				<ul style="list-style-type: none"> <u>Nutrients</u> <ul style="list-style-type: none"> Agriculture Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed. <u>Pathogens</u> <ul style="list-style-type: none"> Source Unknown <u>Sedimentation/Siltation</u> <ul style="list-style-type: none"> Agriculture Tributary to Tomales Bay. TMDLs will be developed as part of evolving watershed management effort. Additional monitoring and assessment needed. 	16 Miles	1992	5A	2013

REVISIONS to the 2006 SAN FRANCISCO BAY REGION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS*

Category 4A Criteria: 1) A water segment where ALL its 303(d) listings are being addressed; and 2) at least one of those listings is being addressed by a USEPA approved TMDL.

* USGS HUC = US Geological Survey Hydrologic Unit Code. Calwater = State Water Resources Control Board hydrological subunit area or even smaller planning watershed.

** "Addressed By" is defined as: B = Being addressed by USEPA approved TMDL and C = Being addressed by action(s) other than a TMDL

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	ADDRESSED BY**	USEPA TMDL APPROVAL DATE
2	Arroyo Corte Madera Del Presidio	River & Stream	20320020 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	4 Miles	1998	B	2007
2	Arroyo De La Laguna	River & Stream	20430084 / 18050004	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	7.4 Miles	1998	B	2007
2	Arroyo Del Valle	River & Stream	20430023 / 18050004	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon 	31 Miles	1998	B	2007

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	ADDRESSED BY**	USEPA TMDL APPROVAL DATE
				<ul style="list-style-type: none"> <i>was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.</i> 				
2	Arroyo Las Positas	River & Stream	20430080 / 18050004	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	14 Miles	2002	B	2007
2	Calabazas Creek	River & Stream	20640012 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	4.7 Miles	1998	B	2007
2	Chicken Ranch Beach	Coastal & Bay Shoreline	20114033 / 18050005	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown This listing was made by USEPA for 2006. 	0.17 Miles	2006	B	2007
2	Corte Madera Creek	River & Stream	20320011 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	4.1 Miles	1998	B	2007
2	Coyote Creek (Marin County)	River &	20320020 /	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban 	2.6 Miles	1998	B	2007

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	ADDRESSED BY**	USEPA TMDL APPROVAL DATE
		Stream	18050002	<ul style="list-style-type: none"> Runoff/Storm Sewers 				
				<ul style="list-style-type: none"> This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 				
2	Gallinas Creek	River & Stream	20620013 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers 	2.1 Miles	1998	B	2007
				<ul style="list-style-type: none"> This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 				
2	Hearts Desire Beach	Coastal & Bay Shoreline	20114033 / 18050005	<ul style="list-style-type: none"> <u>Indicator Bacteria</u> <ul style="list-style-type: none"> Source Unknown 	0.38 Miles	2006	B	2007
				<ul style="list-style-type: none"> This listing was made by USEPA for 2006. 				
2	Laurel Creek (Solano Co)	River & Stream	20440040 / 1805001	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers 	3 Miles	1998	B	2007
				<ul style="list-style-type: none"> This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 				
2	Ledgewood Creek	River & Stream	20723010 / 18050001	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers 	12 Miles	1998	B	2007
				<ul style="list-style-type: none"> This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because 				

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	ADDRESSED BY**	USEPA TMDL APPROVAL DATE
--------	-----------------	------------	--------------------------------------	---	-------------------------------	-------------------------	-------------------	-----------------------------------

of a completed USEPA approved TMDL.

2	Los Gatos Creek (R2)	River & Stream	20540011 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	19 Miles	1998	B	2007
---	----------------------	----------------	---------------------	--	----------	------	---	------

2	Miller Creek	River & Stream	20620012 / 18050005	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	9 Miles	1998	B	2007
---	--------------	----------------	---------------------	--	---------	------	---	------

2	Novato Creek	River & Stream	20620010 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	17 Miles	1998	B	2007
---	--------------	----------------	---------------------	--	----------	------	---	------

2	Olema Creek	River & Stream	20113030 / 18050005	<ul style="list-style-type: none"> <u>Pathogens</u> <ul style="list-style-type: none"> Source Unknown For 2006, this listing was added by USEPA to this being addressed list because of a completed USEPA approved TMDL. 	11 Miles	2006	B	2007
---	-------------	----------------	---------------------	--	----------	------	---	------

• Diazinon

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	ADDRESSED BY**	USEPA TMDL APPROVAL DATE
2	Pine Creek (Contra Costa Co)	River & Stream	20731011 / 18050001	<ul style="list-style-type: none"> Urban Runoff/Storm Sewers <ul style="list-style-type: none"> This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	13 Miles	2002	B	2007
2	Pinole Creek	River & Stream	20660020 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	9.2 Miles	1998	B	2007
2	Rodeo Creek (Contra Costa County)	River & Stream	20660022 / 18050001	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	8 Miles	1998	B	2007
2	San Antonio Creek (Marin/Sonoma Co)	River & Stream	20630031 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	18 Miles	1998	B	2007
2	San Felipe Creek	River & Stream	20530041 / 18050003	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm 	15 Miles	1998	B	2007

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	ADDRESSED BY**	USEPA TMDL APPROVAL DATE
--------	-----------------	------------	--------------------------------------	---	-------------------------------	-------------------------	-------------------	-----------------------------------

Sewers

- This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.

2	San Lorenzo Creek	River & Stream	20420023 / 18050004	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	11 Miles	1998	B	2007
---	-------------------	----------------	------------------------	--	----------	------	---	------

2	San Rafael Creek	River & Stream	20320012 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	3.6 Miles	1998	B	2007
---	------------------	----------------	------------------------	--	-----------	------	---	------

2	Suisun Slough	Estuary	20723000 / 18050004	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	1124 Acres	1998	B	2007
---	---------------	---------	------------------------	--	------------	------	---	------

2	Walnut Creek	River & Stream	20731040 / 18050001	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon 	9 Miles	1998	B	2007
---	--------------	----------------	------------------------	---	---------	------	---	------

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	ADDRESSED BY**	USEPA TMDL APPROVAL DATE
--------	-----------------	------------	--------------------------------------	---	----------------------------	----------------------	----------------	--------------------------------

was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL.

2	Wildcat Creek	River & Stream	20660013 / 18050002	<ul style="list-style-type: none"> <u>Diazinon</u> <ul style="list-style-type: none"> Urban Runoff/Storm Sewers This listing was made by USEPA for the 1998 303(d) list. For 2006, diazinon was moved by USEPA from the 303(d) list to this being addressed list because of a completed USEPA approved TMDL. 	12 Miles	1998	B	2007
---	---------------	-------------------	------------------------	--	----------	------	---	------

REVISIONS to the 2006 SAN FRANCISCO BAY REGION 303(d) LIST OF WATER QUALITY LIMITED SEGMENTS*

Category 4B Criteria: A water segment where ALL its 303(d) listings are being addressed by regulatory action(s) other than TMDL.

* USGS HUC = US Geological Survey Hydrologic Unit Code. Calwater = is the State Water Resources Control Board hydrological subunit area or even smaller area delineation.

REGION	WATER BODY NAME	WATER TYPE	WATERSHED* CALWATER / USGS HUC	<ul style="list-style-type: none"> <u>POLLUTANT</u> <ul style="list-style-type: none"> POTENTIAL SOURCES Relevant Notes 	ESTIMATED AREA ASSESSED	FIRST YEAR LISTED	REGULATORY PROGRAM COMPLETION DATE
2	Castro Cove, Richmond (San Pablo Basin)	Estuary	20660014 / 18050002	<ul style="list-style-type: none"> <u>Dieldrin (sediment)</u> <ul style="list-style-type: none"> Point Source Urban Runoff/Storm Sewers <u>Mercury (sediment)</u> <ul style="list-style-type: none"> Point Source Urban Runoff/Storm Sewers <u>PAHs (Polycyclic Aromatic Hydrocarbons) (sediment)</u> <ul style="list-style-type: none"> Point Source Urban Runoff/Storm Sewers <u>Selenium (sediment)</u> <ul style="list-style-type: none"> Point Source Urban Runoff/Storm Sewers 	71 Acres	2002	2010
					71 Acres	2006	2010
					71 Acres	2002	2010
					71 Acres	2002	2010